



Inolux
LED Design Made Simple

Addressable Product Portfolio

Available Now at
DigiKey



Applications:
IoT
Wearables
Smart Home
Gaming
e-Mobility
Smart Tools
Networking

TOP VIEW

Product Name	Package Description	Dimensions (mm)	Iv (mcd) R/G/B(W) (Typ.)
IN-PI15TAT5R5G5B	1515 RGB IC (4 pin)	1.5 x 1.5 x .065	350/700/200 @5mA
IN-PI20TATx*	2020 RGB IC (4 pin)	2.0 x 2.0 x .065	500/700/300 @12mA
IN-PC20TBT5R5G5B	2020 RGB Clock IC (6 pin)	2.0 x 2.0 x .065	200/500/100 @5mA
IN-PI22TAT5R5G5B	2427 RGB IC (4 pin)	2.4 x 2.7 x 1.1	150/600/75 @5mA
IN-PI33TBT5R5G5B	3535 RGB IC (4 pin)	3.5 x 3.5 x 1.95	400/1250/300 @12mA
N-PI33QBTx	3537 RGBW IC (4 pin)	3.5 x 3.7 x 1.9	500/1500/400/3300 @12mA
IN-PI33TCT5R5G5B	3537 Thin RGB IC (6 pin)	3.5 x 3.7 x 1.1	700/1500/400 @12mA
IN-PI3727TBT5R5G5B	3727 RGB IC (6 Pin)	3.7 x 2.7 x 1.3	350/800/180 @12mA
IN-PI55TAT*	5050 RGB IC (4 pin)	5.0 x 5.0 x 1.6	600/1250/300 @12mA
IN-PC55TBT5R5G5B	5050 RGB Clock IC	5.0 x 5.0 x 1.6	600/1250/400 @20mA
IN-PI55QAT	5050 RGBW IC (4 pin)	5.0 x 5.0 x 1.6	300/850/150/1850 @12mA
IN-PI554	5050 RGB IC (4 pin)**	5.4 x 5.0 x 1.6	600/1250/300 @12mA

TOP VIEW (BENDING LEAD)

Product Name	Package Description	Dimensions (mm)	Iv (mcd) R/G/B (Typ.)
IN-PI32TATPRPGPB.GR	3228 RGB IC Gull Wing (4 pin)	3.2 x 2.8 x 1.8	350/800/180
IN-PI32TATPRPGPB.ZR	3228 RGB IC Z-Bend (4 pin)	3.2 x 2.8 x 1.8	350/800/180

SIDE VIEW

Product Name	Package Description	Dimensions (mm)	Iv (mcd) R/G/B/(W) (Typ.)
IN-PI31TAS5R5G5B	3512 RGB IC (4 pin)	3.5 x 1.25 x 1.55	120/450/90 @12mA
IN-PI42TASPRPGPB	4020 RGB IC (4 pin)	4.0 x 2.0 x 1.5	400/1250/250 @12mA
IN-PI4818QAS	4818 RGBW IC (4 pin)	4.8 x 1.6 x 1.8	200/500/120/1200 @5/5/5/12mA

REVERSE MOUNT

Product Name	Package Description	Dimensions (mm)	Iv (mcd) R/G/B (Typ.)
IN-PI32TAR5R5G5B	3528 RGB IC (4 Pin)	3.2 x 2.8 x 1.78	180/450/120 @5mA
IN-PI32TARPRPGPB	3528 RGB IC (4 Pin)	3.2 x 2.8 x 1.78	240/1000/180 @12mA

*Also available in B pinout

**Also available 6 pin



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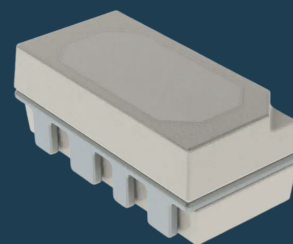
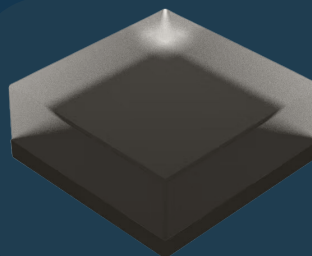
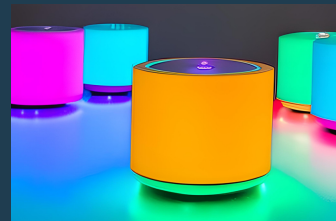
Inolux

LED Design Made Simple

Addressable LEDs

Category Features

Inolux addressable LEDs are cutting-edge lighting solutions capable of creating millions of brilliant color combinations. This LED line delivers exceptional performance and flexibility with built-in IC. Additionally, the line includes white balance binning for precise color accuracy, and is available in both RGB and RGBW options. The LED line can be operated using either single trace or 2-wire SPI protocols, allowing for seamless integration into a variety of lighting systems. Best of all, the line is highly customizable, with options for adjusting brightness, color, and lens settings. Whether you're looking to create stunning smart home lighting, add dynamic effects to a gaming device, or enhance commercial displays, Inolux addressable LEDs are the perfect choice for your design.



Product Options

- Packages ranging from 1515 to 5050 provide a multitude of options for designs
- Range of luminous intensity and luminous flux to optimize performance while achieving high economic goals
- Customized binning to meet your project needs.



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